

Luca Lombardo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102 papers	1,062 citations	18 h-index	28 g-index
105 ext. papers	1,513 ext. citations	2 avg, IF	4.42 L-index

#	Paper	IF	Citations
102	Quantitative cone-beam computed tomography evaluation of palatal bone thickness for orthodontic miniscrew placement. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2008 , 134, 361-9	2.1	103
101	Stress relaxation properties of four orthodontic aligner materials: A 24-hour in vitro study. <i>Angle Orthodontist</i> , 2017 , 87, 11-18	2.6	55
100	Load deflection characteristics and force level of nickel titanium initial archwires. <i>Angle Orthodontist</i> , 2012 , 82, 507-21	2.6	54
99	Temporomandibular Joint Disorders in Patients With Different Facial Morphology. A Systematic Review of the Literature. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016 , 74, 29-46	1.8	48
98	Changes in the oral environment after placement of lingual and labial orthodontic appliances. <i>Progress in Orthodontics</i> , 2013 , 14, 28	3.4	44
97	Predictability of orthodontic movement with orthodontic aligners: a retrospective study. <i>Progress in Orthodontics</i> , 2017 , 18, 35	3.4	38
96	Upper incisor position and bony support in untreated patients as seen on CBCT. <i>Angle Orthodontist</i> , 2009 , 79, 692-702	2.6	35
95	Caries prevention during orthodontic treatment: In-vivo assessment of high-fluoride varnish to prevent white spot lesions. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016 , 149, 238-43	2.1	30
94	Orthodontics is temporomandibular disorder-neutral. <i>Angle Orthodontist</i> , 2016 , 86, 649-54	2.6	30
93	Palatal volume following rapid maxillary expansion in mixed dentition. <i>Angle Orthodontist</i> , 2010 , 80, 153-9	2.6	30
92	Optimal palatal configuration for miniscrew applications. <i>Angle Orthodontist</i> , 2010 , 80, 145-52	2.6	29
91	3D FEM comparison of lingual and labial orthodontics in en masse retraction. <i>Progress in Orthodontics</i> , 2014 , 15, 38	3.4	28
90	The effect of temperature on the mechanical behavior of nickel-titanium orthodontic initial archwires. <i>Angle Orthodontist</i> , 2013 , 83, 298-305	2.6	25
89	Optical properties of orthodontic aligners--spectrophotometry analysis of three types before and after aging. <i>Progress in Orthodontics</i> , 2015 , 16, 41	3.4	23
88	Assessment of Anxiety and Coping Features in Bruxers: A Portable Electromyographic and Electrocardiographic Study. <i>Journal of Oral and Facial Pain and Headache</i> , 2016 , 30, 249-54	2.5	23
87	Objective assessment of compliance with intra- and extraoral removable appliances. <i>Angle Orthodontist</i> , 2017 , 87, 88-95	2.6	21
86	Open bite treatment using clear aligners. <i>Angle Orthodontist</i> , 2013 , 83, 913-9	2.6	21

85	Skeletal and dentoalveolar effects of hybrid rapid palatal expansion and facemask treatment in growing skeletal Class III patients. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2018 , 153, 262-268	2.1	18
84	Torque expression capacity of 0.018 and 0.022 bracket slots by changing archwire material and cross section. <i>Progress in Orthodontics</i> , 2014 , 15, 53	3.4	18
83	Three-dimensional finite-element analysis of a central lower incisor under labial and lingual loads. <i>Progress in Orthodontics</i> , 2012 , 13, 154-63	3.4	18
82	A new concept of anatomic lingual arch form. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010 , 138, 260.e1-260.e13; discussion 260-1	2.1	16
81	Frictional resistance exerted by different lingual and labial brackets: an in vitro study. <i>Progress in Orthodontics</i> , 2013 , 14, 37	3.4	15
80	Upper lip changes correlated with maxillary incisor movement in 65 orthodontically treated adult patients. <i>World Journal of Orthodontics</i> , 2008 , 9, 337-48		14
79	Comparative analysis of real and ideal wire-slot play in square and rectangular archwires. <i>Angle Orthodontist</i> , 2015 , 85, 848-58	2.6	13
78	Lip pressure at rest and during function in 2 groups of patients with different occlusions. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011 , 139, e1-6	2.1	13
77	Relationship of self-reported sleep bruxism and awake bruxism with chronotype profiles in Italian dental students. <i>Cranio - Journal of Craniomandibular Practice</i> , 2019 , 37, 147-152	1.2	13
76	MicroCT X-ray comparison of aligner gap and thickness of six brands of aligners: an in-vitro study. <i>Progress in Orthodontics</i> , 2020 , 21, 12	3.4	11
75	Class III malocclusion and bilateral cross-bite in an adult patient treated with miniscrew-assisted rapid palatal expander and aligners. <i>Angle Orthodontist</i> , 2018 , 88, 649-664	2.6	10
74	Substitution of impacted canines by maxillary first premolars: a valid alternative to traditional orthodontic treatment. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013 , 143, 125-33 ^{2.1}	2.1	10
73	Efficiency of the distal screw in the distal movement of maxillary molars. <i>World Journal of Orthodontics</i> , 2010 , 11, 341-5		9
72	The mechanical behavior of as received and retrieved nickel titanium orthodontic archwires. <i>Progress in Orthodontics</i> , 2019 , 20, 1	3.4	8
71	Correlation Between Sleep-Time Masseter Muscle Activity and Tooth Wear: An Electromyographic Study. <i>Journal of Oral and Facial Pain and Headache</i> , 2019 , 33, 199-204	2.5	8
70	Intra-arch widths: a meta-analysis. <i>International Orthodontics</i> , 2013 , 11, 177-92	0.9	8
69	Dental and alveolar arch forms in a Caucasian population compared with commercially available archwires. <i>International Orthodontics</i> , 2013 , 11, 389-421	0.9	8
68	Wire load-deflection characteristics relative to different types of brackets. <i>International Orthodontics</i> , 2011 , 9, 120-39	0.9	8

67	Influence of anterior tooth alignment on peer perception in 8- to 10-year-old children. <i>European Journal of Orthodontics</i> , 2011 , 33, 155-60	3.3	8
66	Editor's Comment and Q&A. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010 , 138, 260-261	2.1	8
65	Smartphone-based application for EMA assessment of awake bruxism: compliance evaluation in a sample of healthy young adults. <i>Clinical Oral Investigations</i> , 2020 , 24, 1395-1400	4.2	8
64	Class II subdivision correction with clear aligners using intermaxillary elastics. <i>Progress in Orthodontics</i> , 2018 , 19, 32	3.4	8
63	A new lingual straight-wire technique. <i>Journal of Clinical Orthodontics: JCO</i> , 2010 , 44, 114-23; quiz 106	0.2	8
62	A Three-Dimensional Digital Insertion Guide for Palatal Miniscrew Placement. <i>Journal of Clinical Orthodontics: JCO</i> , 2016 , 50, 12-22	0.2	8
61	Comparative SEM analysis of nine F22 aligner cleaning strategies. <i>Progress in Orthodontics</i> , 2017 , 18, 26	3.4	7
60	Comparison of dental and alveolar arch forms between different ethnic groups. <i>International Orthodontics</i> , 2015 , 13, 462-88	0.9	7
59	Optimal parameters for final position of teeth in space closure in case of a missing upper lateral incisor. <i>Progress in Orthodontics</i> , 2014 , 15, 63	3.4	7
58	Class III malocclusion with missing maxillary lateral incisors. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2011 , 139, 388-96	2.1	7
57	Self-reported awake bruxism and chronotype profile: a multicenter study on Brazilian, Portuguese and Italian dental students. <i>Cranio - Journal of Craniomandibular Practice</i> , 2021 , 39, 113-118	1.2	7
56	Three-dimensional assessment of teeth first-, second- and third-order position in Caucasian and African subjects with ideal occlusion. <i>Progress in Orthodontics</i> , 2015 , 16, 11	3.4	6
55	Lingual straight wire method. <i>International Orthodontics</i> , 2009 , 7, 335-53	0.9	6
54	Description of the relationship between NOHL classification in drug-induced sleep endoscopy and initial AHI in patients with moderate to severe OSAS, and evaluation of the results obtained with oral appliance therapy. <i>Acta Otorhinolaryngologica Italica</i> , 2020 , 40, 50-56	2.8	6
53	Class II subdivision with skeletal transverse maxillary deficit treated by single-sitting bone-borne appliance. <i>Angle Orthodontist</i> , 2021 , 91, 129-137	2.6	6
52	Comparative analysis of jaw morphology and temporomandibular disorders: A three-dimension imaging study. <i>Cranio - Journal of Craniomandibular Practice</i> , 2020 , 38, 158-167	1.2	6
51	Effects of invisible orthodontic retainers on masticatory muscles activity during sleep: a controlled trial. <i>Progress in Orthodontics</i> , 2018 , 19, 24	3.4	6
50	Dental Angle class asymmetry and temporomandibular disorders. <i>Journal of Orofacial Orthopedics</i> , 2017 , 78, 253-258	2.9	5

49	Experimental Study of the Pressures and Points of Application of the Forces Exerted between Aligner and Tooth. <i>Nanomaterials</i> , 2019 , 9,	5.4	5
48	Class II treatment by palatal miniscrew-system appliance:. <i>Angle Orthodontist</i> , 2020 , 90, 305-313	2.6	5
47	Anterior dental alignment and smile: perception and sensations in a sample of 8- to 10-year-old children and their parents. <i>Orthodontics: the Art and Practice of Dentofacial Enhancement</i> , 2011 , 12, 366-77		5
46	Marsupialization of a dentigerous cyst followed by orthodontic traction of two retained teeth: A case report. <i>International Orthodontics</i> , 2019 , 17, 365-374	0.9	4
45	Determining shapes and dimensions of dental arches for the use of straight-wire arches in lingual technique. <i>Dental Press Journal of Orthodontics</i> , 2014 , 19, 116-22	1.3	4
44	The dynforce archwire. <i>Annali Di Stomatologia</i> , 2013 , 4, 204-11		4
43	Analysis of tooth anatomy in adults with ideal occlusion: A preliminary study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2020 , 157, 218-227	2.1	4
42	Stiffness comparison of mushroom and straight SS and TMA lingual archwires. <i>Progress in Orthodontics</i> , 2016 , 17, 27	3.4	4
41	Does low-frequency vibration have an effect on aligner treatment? A single-centre, randomized controlled trial. <i>European Journal of Orthodontics</i> , 2019 , 41, 434-443	3.3	4
40	Mechanical properties of multi-force vs. conventional NiTi archwires. <i>Journal of Orofacial Orthopedics</i> , 2019 , 80, 57-67	2.9	4
39	Clear aligner hybrid approach: A case report. <i>Journal of the World Federation of Orthodontists</i> , 2020 , 9, 32-43	1.2	3
38	Assessment of lower lip changes following incisor displacement in 92 orthodontically-treated adults. <i>International Orthodontics</i> , 2012 , 10, 289-310	0.9	3
37	Évaluation dynamique de l'alignement dentaire antérieur sur un échantillon d'enfants âgés de huit à 11 ans. <i>International Orthodontics</i> , 2012 , 10, 177-189	0.9	3
36	Soft tissue laser in orthodontics. <i>Progress in Orthodontics</i> , 2011 , 12, 66-72	3.4	3
35	Frequency of Sleep Bruxism Behaviors in Healthy Young Adults over a Four-Night Recording Span in the Home Environment. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 195	2.6	3
34	Micro-computed tomography evaluation of general trends in aligner thickness and gap width after thermoforming procedures involving six commercial clear aligners: An study. <i>Korean Journal of Orthodontics</i> , 2021 , 51, 135-141	1.4	3
33	Quantitative cone-beam computed tomography evaluation of premaxilla and symphysis in Class I and Class III malocclusions. <i>International Orthodontics</i> , 2016 , 14, 143-60	0.9	2
32	Preliminary biometric analysis of mesiodistal tooth dimensions in subjects with normal occlusion. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016 , 150, 105-15	2.1	2

31	Caractéristiques de flexion en charge de fils carrés et rectangulaires. <i>International Orthodontics</i> , 2016 , 14, 1-14	0.9	2
30	The hybrid approach: A solution to overcome unpredictable movements in clear aligner therapy. <i>APOS Trends in Orthodontics</i> , 2020 , 10, 72-77	2	2
29	Fluorescence-aided composite removal during lingual bracket debonding. <i>Journal of Esthetic and Restorative Dentistry</i> , 2020 , 32, 634-637	3.5	2
28	Comparative analysis of passive play and torque expression in self-ligating and traditional lingual brackets. <i>Journal of Orofacial Orthopedics</i> , 2021 , 1	2.9	2
27	Early class III treatment with hybrid rapid palatal expander combined with facemask. <i>International Orthodontics</i> , 2020 , 18, 624-635	0.9	1
26	Class II treatment with the Runner in adolescent patients: Combining Twin Block efficiency with aligner aesthetics. <i>Journal of the World Federation of Orthodontists</i> , 2014 , 3, e71-e79	1.2	1
25	Ingression des incisives supérieures : une analyse anatomique à l'aide de CBCT. <i>International Orthodontics</i> , 2011 , 9, 210-223	0.9	1
24	Severe transverse discrepancy in adult Class III patient: Parallel rapid palatal expansion with a bone-borne tandem expansion screws (TSE) followed by lingual fixed appliance for a non-surgical treatment: A case report. <i>International Orthodontics</i> , 2021 ,	0.9	1
23	Resolution of lower second molar impaction through miniscrew-supported biomechanics: A proposal for a simplified classification. <i>International Orthodontics</i> , 2021 , 19, 697-706	0.9	1
22	Assessment of stiffness and load deflection of orthodontic miniscrews used for palatal anchorage: An in vitro biomechanical study. <i>International Orthodontics</i> , 2020 , 18, 809-819	0.9	1
21	Load deflection characteristics of square and rectangular archwires. <i>International Orthodontics</i> , 2016 , 14, 1-14	0.9	1
20	Dual-section versus conventional archwire for en-masse retraction of anterior teeth with direct skeletal anchorage: a finite element analysis. <i>BMC Oral Health</i> , 2021 , 21, 87	3.7	1
19	A new, no-compliance class II correction strategy using nickel-titanium coil-springs. <i>Journal of the World Federation of Orthodontists</i> , 2015 , 4, 40-49	1.2	0
18	Space closure by miniscrew-assisted mesialization of an upper third molar and partial vestibular fixed appliance: A case report.. <i>International Orthodontics</i> , 2022 , 20, 100602	0.9	0
17	Efficacy of swm appliance in the expression of first-, second- and third-order information in Class I and Class II. <i>Journal of Clinical and Experimental Dentistry</i> , 2019 , 11, e97-e102	1.4	0
16	Association of the mid-palatal suture morphology to the age and to its density: A CBCT retrospective comparative observational study. <i>International Orthodontics</i> , 2021 , 19, 235-242	0.9	0
15	Class II Treatment in Growing Patients: Preliminary Evaluation of the Skeletal and Dental Effects of a New Clear Functional Appliance. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 5622	2.6	0
14	MAPA 2020 , 61-69		

- 13 Adverse effects of lingual and buccal orthodontic techniques. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2016**, 150, 723 2.1
- 12 Formes d'arcades dentaires et alvéolaires dans une population caucasienne comparées à des fils disponibles sur le marché. *International Orthodontics*, **2013**, 11, 389-421 0.9
- 11 Authors' response. *American Journal of Orthodontics and Dentofacial Orthopedics*, **2013**, 144, 164-5 2.1
- 10 Comparison of adhesion forces developed by foil mesh of various dimensions applied in combination with composites of different viscosity. *International Orthodontics*, **2013**, 11, 290-302 0.9
- 9 Comparaison des formes d'arcades alvéolaires et dentaires entre des groupes ethniques différents. *International Orthodontics*, **2015**, 13, 462-488 0.9
- 8 Dynamic evaluation of anterior dental alignment in a sample of 8- to 11-year-old children. *International Orthodontics*, **2012**, 10, 177-89 0.9
- 7 Contrôle des canines ectopiques avec des brackets conventionnels. *International Orthodontics*, **2012**, 10, 377-403 0.9
- 6 Ectopic canine control with conventional brackets. *International Orthodontics*, **2012**, 10, 377-403 0.9
- 5 Lower incisor extraction therapy in a complex case with an ankylosed tooth in an adult patient: A case report. *International Orthodontics*, **2020**, 18, 850-862 0.9
- 4 Work-related cardiovascular stress in orthodontists: A pilot project. *Journal of the World Federation of Orthodontists*, **2016**, 5, 135-139 1.2
- 3 Upper arch forms in cases with bilaterally missing upper lateral incisors after space closure. *Journal of the World Federation of Orthodontists*, **2016**, 5, 50-55 1.2
- 2 Potential and Applications of STL and DICOM Data Matching: MAPA Systems and F22 Aligners **2021**, 159-193
- 1 A non-invasive system to manage impacted teeth associated with a large dentigerous cyst.. *Journal of Orthodontics*, **2022**, 14653125221088341 1.6